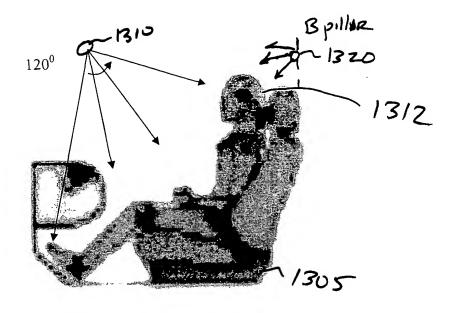
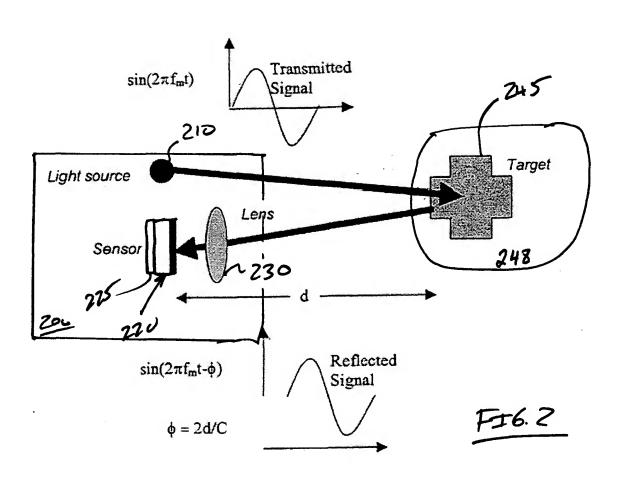
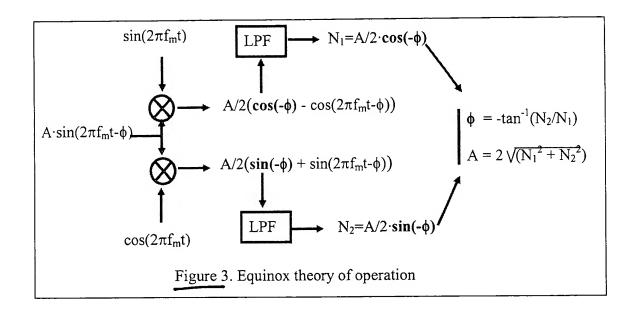


FIG. 1



FI6.13





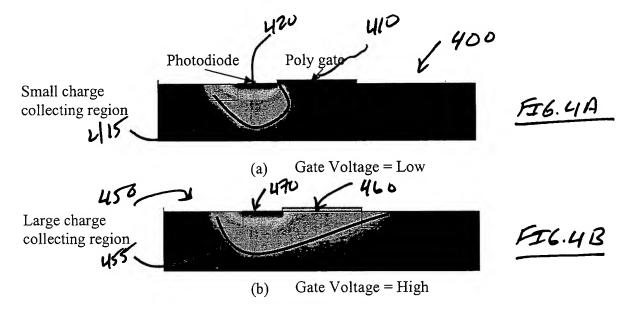


Figure 4. Photodiode quantum efficiency modulation structure where charge collection area is modulated as a function of gate voltage

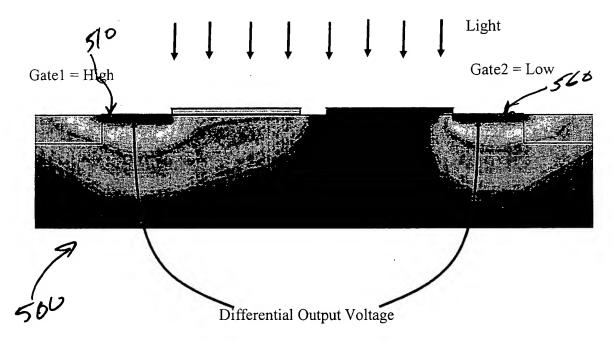


Figure 5. Differential QE modulation pixel structure.

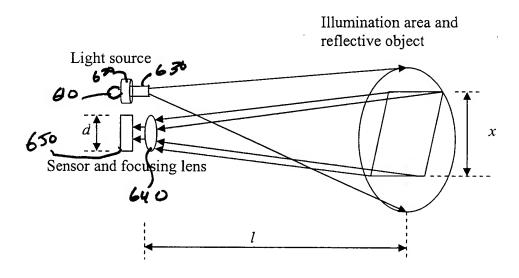


Figure 6. Optical system



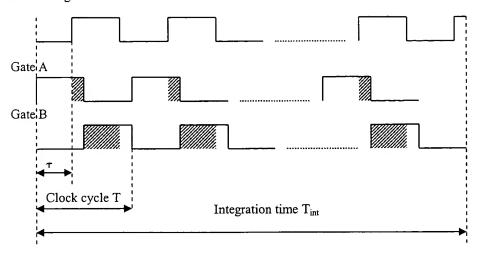
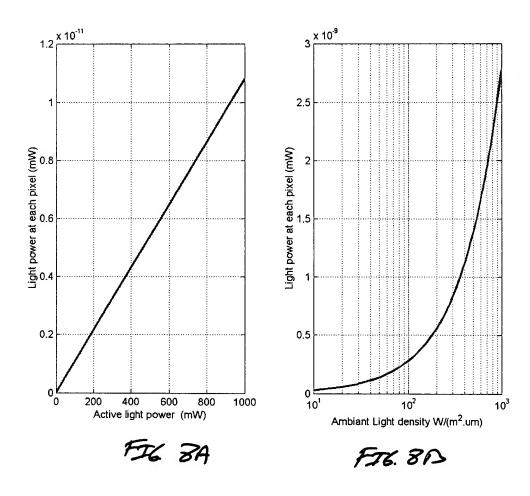
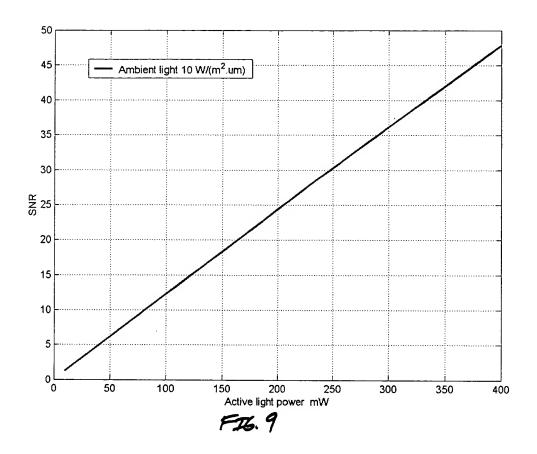
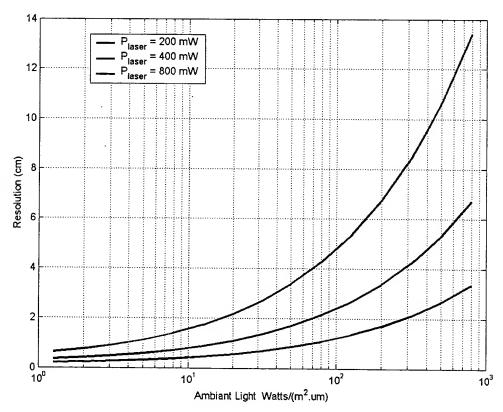


Figure 7. Charge collection model with differential QE modulated photodiodes; shaded area represents the active charge collection.

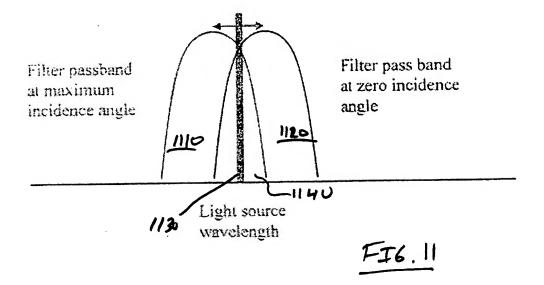


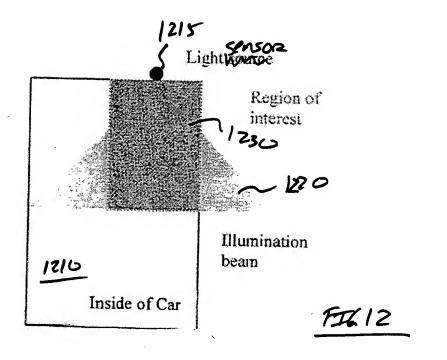


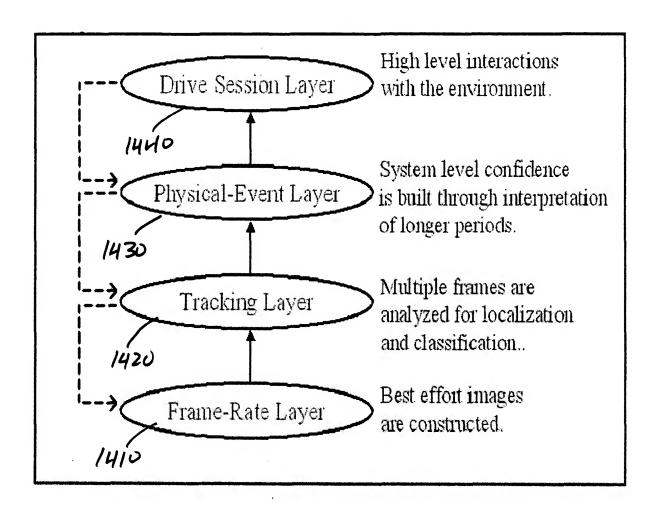


F\$6.10

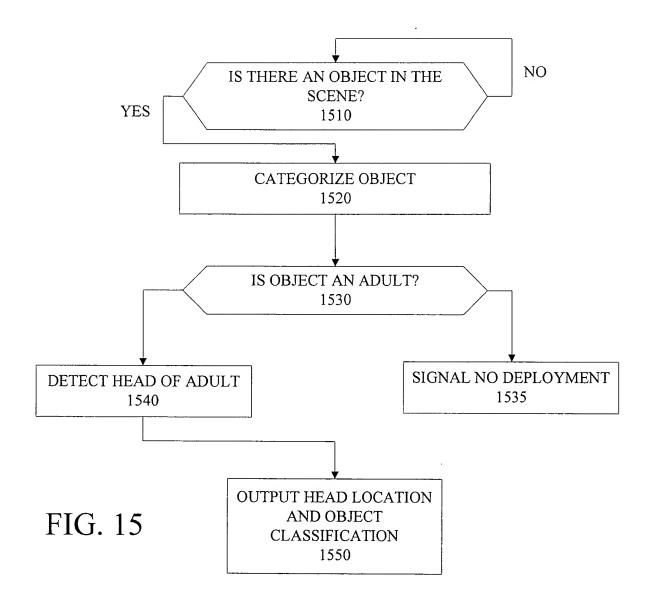
## Passband center wavelength change

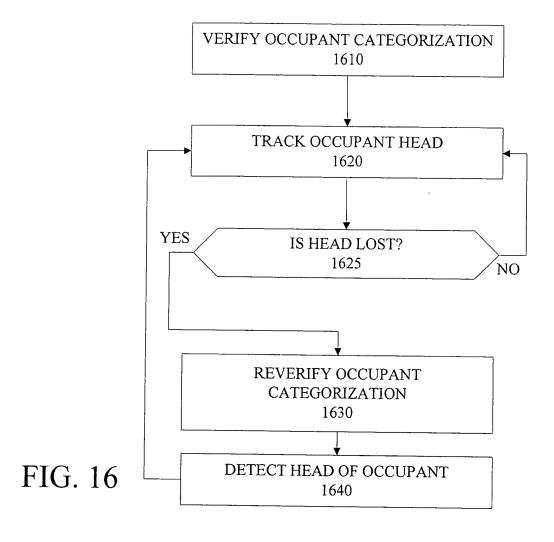






F16.14





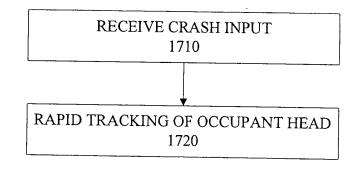


FIG. 17

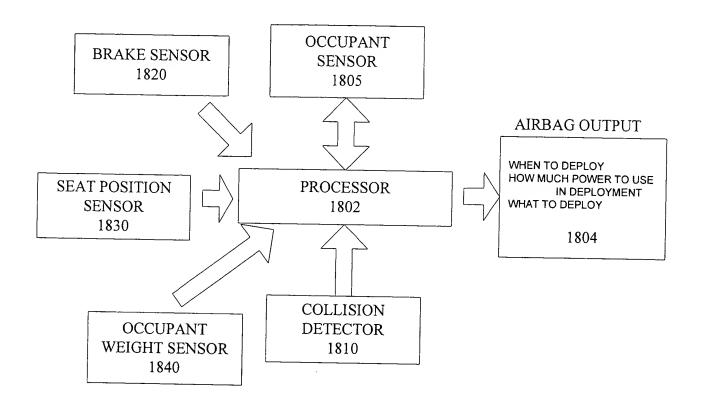


FIG. 18